PTO/SB/21 (09-04) (AW 10/2004)
Approved for use through 7/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| RANSMITTAL   |                      | Application Number                              | 10/648          | 3,905              |   |
|--|----------------------|---|-----------------|--------------------|---|
|  |                      | Filing Date                                     | August 27, 2003 |                    |   |
| SEP 1 4 2006 (L) FORM  | First Named Inventor | Hidenobu Hamada                                 |                 |                    |   |
| (to be user for all correspondence after initial   | Art Unit             | 2874  |                 |                    |   |
| TAADEMARK OF   | Examiner Name        | Sarah U. Song                                   |                 |                    |   |
| Total Number of Pages in This Submiss  | Attorney Docket No.  | MTS-3453US                                      |                 |                    |   |
| ENCLOSURES (Check all that apply)  |                      |   |                 |                    |   |
| Fee Transmittal Form   | Drawii               | •   |                 |                    | After Allowance Communication   |
| Fee Attached   | Licens               | ing-related Papers                              |                 |                    | to TC  Appeal Communication to Board                                  |
| Amendment/Reply  | Petitio              | n   |                 |                    | of Appeals and Interferences  |
| After Final Affidavits/Declaration(s)  |                      | n to Convert to a<br>ional Application          |                 |                    | Appeal Communication to TC<br>(Appeal Notice, Brief, Reply<br>Brief)  |
| Extension of Time Request  | Chang                | of Attorney, Revocation<br>ge of Correspondence | on,             |                    | Proprietary Information   |
| Express Abandonment Request  | Addre<br>Termi       | nal Disclaimer                                  |                 |                    | Status Letter   |
| Information Disclosure Statement   | Reque                | est for Refund                                  |                 | _                  | Other Enclosure(s) (please identify below): Return Postcard; PTO-2038 |
| Centified Copy of Priority Document(s)   |                      | umber of CD(s)<br>Landscape Table on CI         | D               |                    |   |
| Response to Missing Parts/ Incomplete Application  | Remarks:             |   |                 |                    |   |
| Response to Missing Parts under 37 CFR 1.52 or 1.53  |                      |   |                 |                    |   |
|  |                      |   |                 |                    |   |
| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT  |                      |   |                 |                    |   |
| Firm Name RatherPrestia  |                      |   |                 |                    |   |
| Signature Signature  |                      |   |                 |                    |   |
| Printed Name Lawrence E. Ashery  |                      |   | •               | 16:-               |   |
| Date   September 11, 2006  | /                    | Registration                                    | n No.           | 34,5               | 15  |
| CERTIFICATE OF TRANSMISSION / MAILING  |                      |   |                 |                    |   |
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope attiressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |                      |   |                 |                    |   |
| Signature Sew 1  |                      |   |                 |                    |   |
| Typed or Printed Name Beth Johnson   |                      | ľ   | Date            | September 11, 2006 |   |

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PTO/SB/17 (12-04v2) (AW 1/2005)
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|---|----------------------|-------------------------|---|-------------------------|-------------------|-------------|-------------------|----------------------------------|
| Effective on 12/08/04.  |                      |                         | Complete if Known                                 |                         |                   |             |                   |                                  |
| Fees pursuant to the Consolidated Appropriations Act. 2005 (H.R. 4818).   |                      |                         | Application Number 10/6                           |                         | 10/64             | /648,905    |                   |                                  |
| FEE TRANSMITTAL   |                      | Filing Date Aug         |   | Augu                    | ugust 27, 2003    |             |                   |                                  |
| SEP 14 2006 6 For F   | Y 20                 | 006                     |   | First Name              | d Inventor        | Hider       | nobu HAMAI        | DA                               |
| Applicant aims small er   | ntity status.        | See 37 CFF              | ₹ 1.27  | Examiner I              | Name _            | Sarah       | u. Song           |                                  |
| Applicant Saims small er  |                      |                         |   | Art Unit                |                   | 2874        |                   |                                  |
| TOTAL AMOUNT OF PAY   | MENT (               | \$)                     |   | Attorney D              | ocket No.         | MTS-        | 3453US            |                                  |
| METHOD OF PAYMENT   |                      | hat apply)              |   |                         | <u>'</u>          |             |                   |                                  |
| ☐ Check ☐ Credit C  | ard 🗌                | Money Or                | der 🗌 No  | ne 🔲 C                  | ther (plea        | se iden     | tify):            |                                  |
| □ Deposit Account     □   | Deposit A            | ccount Nun              | nber: <u>18-03</u>                                | <b>50</b> [             | Deposit Ad        | ccount      | Name: Ra          | tnerPrestia                      |
| For the above-identifi  | ed depos             | it account,             | the Director i                                    | s hereby                | authorized        | to: (cl     | heck all tha      | t apply)                         |
| ☐ Charge fee(s) indic   | ated belov           | v                       |   |                         | Charge fee(       | (s) indic   | ated below,       | except for the filing fee        |
| Charge any addition   |                      | or underpayı            | ment of fee(s)                                    |                         | Credit any o      | overpay     | ments             |                                  |
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| FEE CALCULATION   |                      |                         |   |                         |                   | . ""        | ·                 |                                  |
| 1. BASIC FILING, SEARC  | CH, AND E            | XAMINATIO               | ON FEES   |                         |                   |             |                   |                                  |
|   | FILING               |                         |   | H FEES                  |                   |             | ON FEES           |                                  |
| Application Type F  | <u>ы</u><br>Fee (\$) | nall Entity<br>Fee (\$) | <u>≥</u><br>Fee (\$)                              | mall Entity<br>Fee_(\$) | L<br>Fee          | . —         | Fee (\$)          | Fees Paid (\$)                   |
| Utility Line 1  | 300                  | 150                     | 500   | 250                     | 200               |             | 100               |                                  |
| Design  | 200                  | 100                     | 100   | 50                      | 130               | 0           | 65                | <u></u>                          |
| Plant   | 200                  | 100                     | 300   | 150                     | 160               | 0           | 80                |                                  |
| Reissue   | 300                  | 150                     | 500   | 250                     | 60                |             | 300               | <del></del>                      |
| Provisional   | 200                  | 100                     | 0   | 0                       |                   | 0           | 0                 | <del></del>                      |
| 2. EXCESS CLAIM FEES  |                      |                         |   |                         |                   |             |                   | Small Entity                     |
| Fee Description   |                      |                         |   |                         |                   |             |                   | Fee (\$) Fee (\$                 |
| Each claim over 20 (inc   |                      |                         |   |                         |                   |             |                   | 50 25                            |
| Each independent claim  |                      | cluding Reis            | sues)   |                         |                   |             |                   | 200 100                          |
| Multiple dependent clair  |                      | nima '                  | Eng (\$) ==                                       | o Daid (#1              | Multiple          | Denes       | dent Claims       | 360 180                          |
| <u>Total Claims</u> - 28 or HP =  | Extra Cla            |                         | <u>Fee (\$)                                  </u> | <u>e Paid (\$)</u><br>0 |                   |             | Paid (\$)         | 2                                |
| HP = highest number of total  | claims pa            | id for, if area         | ater than 20                                      |                         | <u>\$360.</u>     | <u></u>     |                   |                                  |
| Indep. Claims   | Extra Cl             | <u>aims</u>             | <u>Fee (\$)      Fe</u>                           | e Paid (\$)             | 1                 |             |                   |                                  |
| 6 -5 (HP) = 1 x \$200. = \$200.  HP = highest number of independent claims paid for, if greater than 3  |                      |                         |   |                         |                   |             |                   |                                  |
| 3. APPLICATION SIZE FEE   |                      |                         |   |                         |                   |             |                   |                                  |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)),   |                      |                         |   |                         |                   |             |                   |                                  |
| the application size fee due is \$250 (\$125 for small entity) for each 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) |                      |                         |   |                         |                   |             |                   |                                  |
|   |                      |                         |   |                         |                   |             |                   |                                  |
| 4. OTHER FEE(S) Fees Paid (\$)  |                      |                         |   |                         |                   |             |                   |                                  |
| Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late/filing surpharge):   |                      |                         |   |                         |                   |             |                   |                                  |
| SUBMITTED BY  |                      | 1/7                     |   |                         |                   |             | Соп               | plete (if applicable)            |
|   | 1                    |                         | - A - A - A - A - A - A - A - A - A - A           | 01/(4=0=1)              | 24 545            |             | - "               |                                  |
| Signature   |                      |                         | stration No. Attorn                               | ey/Agent)               | 34,515            |             | Telephone         | (610) 407-0700                   |
| Name (Print/See) Lawrence   | E. Ashery            |                         | _/  |                         |                   |             | Date              | September 11, 2006               |

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MTS-3453US Appln. No.: 10/648,905

Amendment Dated: September 11, 2006 Reply to Office Action of: June 26, 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/648,905

Applicant:

Hidenobu Hamada

Filed:

08/27/2003

Title:

SLAB WAVEGUIDE AND METHOD OF MANUFACTURING THE SLAB

WAVEGUIDE

TC/A.U.:

2874

Examiner:

Sarah U. Song

Confirmation No.: 5089

Docket No.:

MTS-3453US

## <u>AMENDMENT</u>

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated June 26, 2006, please amend the aboveidentified application as follows:

|             | Remarks/Arguments                          | begin on page 8 of this pa | P81-FC:1201 200.68 OP                  |  |  |  |
|-------------|--|----------------------------|--|--|--|--|
|             | Abstract is on page                        | of this paper.             | 09/15/2006 YPOLITE1 00000026 10648905  |  |  |  |
| □<br>the    | Amendments to the Abstract are on page     |                            | of this paper. A clean version of      |  |  |  |
|             | Amendments to the Dattached replacement sh |                            | of this paper and include an           |  |  |  |
| $\boxtimes$ | Amendments to the Cl<br>2 of this paper.   | aims are reflected in the  | listing of claims which begins on page |  |  |  |
|             | Amendments to the S                        | pecification begin on pag  | ge of this paper.                      |  |  |  |